

In the Claims:

This listing of claims replaces all prior versions and listings of claims in the subject application:

Listing of Claims

1. (Currently Amended) A headset system, comprising:
a headset having a headset microphone;
a speech recognition engine ~~configured to receive~~ that receives audio signals from the headset microphone, interprets ~~and to interpret~~ the audio signals received via the headset microphone when activated, ~~the speech recognition engine being further configured to interpret and interprets~~ audio signals representing at least one of digits, letters, and numbers; and
an in-band dual tone multi-frequency (DTMF) tone generator in communication with the speech recognition engine ~~and configured to generate~~ that generates in-band DTMF tones representing the interpreted at least one of digits, letters, and numbers, the tone generator directly transmits the generated tones to simulate dialing.
2. (Original) The headset system of claim 1, further comprising a DTMF activation button in communication with the speech recognition engine for activating the speech recognition engine.
3. (Original) The headset system of claim 1, wherein the speech recognition engine is activated by a voice command.
4. (Original) The headset system of claim 1, further comprising a headset base unit containing the in-band DTMF tone generator and the speech recognition engine.
5. (Original) The headset system of claim 1, wherein the headset further includes the in-band DTMF tone generator and the speech recognition engine.
6. (Original) The headset system of claim 1, further comprising a voice synthesizer in communication with the speech recognition engine.

7. (Currently Amended) The headset system of claim 6, further comprising a headset speaker in communication with the voice synthesizer, the speech recognition engine ~~is further configured to confirm~~ confirms accuracy of the interpreted audio signals via the speech recognition engine and the headset speaker.

8. (Original) The headset system of claim 1, wherein the in-band DTMF tone generator generates in-band DTMF tones with a direct correspondence to the interpreted audio signals.

9. (Currently Amended) The headset system of claim 1, wherein the speech recognition engine ~~is configured to process~~ processes audio signals for a plurality of the at least one of digits, letters, and numbers and the in-band DTMF tone generator ~~is configured to generate~~ generates a plurality of in-band DTMF tones in response thereto.

10. (Currently Amended) The headset system of claim 1, wherein the speech recognition engine ~~is configured to process~~ processes audio signals for the at least one of a digit, letter, and number individually, and the in-band DTMF tone generator ~~is configured to generate~~ generates an in-band DTMF tone in response thereto.

11. (Currently Amended) The headset system of claim 1, wherein the speech recognition engine ~~is further configured to interpret~~ interprets a predefined set of commands and/or user responses.

12. (Currently Amended) A method for navigating through a dual tone multi-frequency (DTMF) controlled system, comprising:

activating a speech recognition engine;

interpreting speech received via a microphone from a user by the speech recognition engine, the speech recognition engine ~~being configured to interpret~~ interprets the speech representing at least one of digits, letters, and numbers; and

generating and transmitting in-band DTMF tones representing the interpreted speech by an in-band DTMF tone generator in communication with the speech recognition engine, the tone generator directly transmits the generated tones to simulate dialing.

13. (Original) The method of claim 12, wherein the activating the speech recognition engine is via a DTMF activation button in communication with the speech recognition engine.

14. (Original) The method of claim 12, wherein the activating the speech recognition engine is via voice command from the user.

15. (Original) The method of claim 12, further comprising, prior to the generating and transmitting, confirming accuracy of the speech interpreted by the speech recognition engine by generating the interpreted speech via a voice synthesizer.

16. (Original) The method of claim 12, wherein the in-band DTMF tone is direct translation of the interpreted speech.

17. (Currently Amended) The method of claim 12, wherein the speech recognition engine ~~is configured to process~~ processes speech for a plurality of the at least one of digits, letters, and numbers and the in-band DTMF tone generator ~~is configured to generate~~ generates a plurality of in-band DTMF tones in response thereto.

18. (Currently Amended) The method of claim 12, wherein the speech recognition engine ~~is configured to process~~ processes speech for the at least one of a digit, letter, and number individually, and the in-band DTMF tone generator ~~is configured to generate~~ generates an in-band DTMF tone in response thereto.

19. (Currently Amended) The method of claim 12, wherein the speech recognition engine ~~is further configured to interpret~~ interprets a predefined set of commands and/or user responses.

20. (Currently Amended) A method, comprising:
connecting to a DTMF-controlled system, in which navigation through the DTMF-controlled system is via transmission of DTMF tones thereto;
interpreting speech by a speech recognition engine ~~configured to receive~~ that receives speech from a user; and
generating and transmitting in-band DTMF tone to the DTMF-controlled system, the in-band DTMF tones being a translation of the interpreted speech selected from at least one of digits, letters, and numbers, the tone generator directly transmits the generated tones to simulate dialing.

21. (Original) The method of claim 20, further comprising, after the connecting, activating the speech recognition engine.

22. (Original) The method of claim 20, further comprising, prior to the generating and transmitting, confirming accuracy of the speech interpreted by the speech recognition engine by generating the interpreted speech via a voice synthesizer.

23. (Original) The method of claim 20, wherein the in-band DTMF tone is a direct translation of the interpreted speech.

24. (Currently Amended) The method of claim 20, wherein the speech recognition engine ~~is configured to process~~ processes speech for a plurality of the at least one of digits, letters, and numbers and the in-band DTMF tone generator is configured to generate a plurality of in-band DTMF tones in response thereto.

25. (Currently Amended) The method of claim 20, wherein the speech recognition engine ~~is configured to process~~ processes speech for the at least one of a digit, letter, and number individually, and the in-band DTMF tone generator ~~is configured to generate~~ generates an in-band DTMF tone in response thereto.

26. (Currently Amended) The method of claim 20, wherein the speech recognition engine ~~is further configured to interpret~~ interprets a predefined set of commands and/or user responses.